



General Instructions for Filling Out California Natural Diversity Database Field Survey Forms

The California Natural Diversity Database (CNDDDB) is the largest, most comprehensive database of its type in the world. It presently contains almost 40,000 site specific records on California's rarest plants, animals, and natural communities. The majority of the data collection effort for this has been provided by an exceptional assemblage of biologists throughout the state and the west. The backbone of this effort is the field survey form.

Although the future lies in the digitally submissible field form and map, this system is not yet in place. Enclosed are copies of CNDDDB paper field survey forms for species and natural communities. The CNDDDB would appreciate your field observations on rare, threatened, endangered, or sensitive species and natural communities (elements) submitted to us on these forms.

To determine what species and natural communities are of concern to us, refer to our free publications for lists of which elements these include: *Special Vascular Plants, Bryophytes, and Lichens List, Special Animals List, and Natural Communities List*. Reports on multiple visits to sites that already exist in the CNDDDB are as important as new site information as is it helps us track trends in population/stand size and condition. Naturally, new site information is also welcomed.

Enclosed is an example of a field survey form that includes the information we like to see. Note that you may either submit a copied portion of a USGS topographic quad map with the population/stand outlined or marked (see back of enclosed example), or provide a set of coordinates (GPS coordinates, TRS information, or other). You do not have to submit all of this information; just one will suffice, and generally the best choice is to submit a map. Furthermore, you do not have to fill out every box on the form; just fill out what seems relevant to your site visit. Remember that your name and telephone number and/or email are very important in case we have any questions about the form.

If you are concerned about the sensitivity of the site, remember that the CNDDDB can label your element occurrence "Sensitive" in the database, thus restricting access to that information.

The CNDDDB is only as good as the information in it, and we depend on people like you as the source of that information. Thank you for your help in improving the CNDDDB.

Please see also, [Instructions for Collecting Information with Global Positioning Systems for the California Natural Diversity Database](#).

Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work: 8 - 10 - 2000

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: Lupinus padre-crowleyi

Common Name: Father Crowley's lupine

Species Found? ☒ Yes ☐ No If not, why? _____

Total No. Individuals *10 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? 8 ☐ no ☐ unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Your Name Here

Address: Your Organization and Address Here
Your Town, State Zipcode Here

E-mail Address: youremail@here

Phone: (000) 000-0000

Plant Information

Phenology: _____ % 100 % _____ %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Along Shepherd Pass trail, between the first and second saddles above the main switchbacks from Symmes Creek to the top of the ridge, as the trail levels out and begins to drop down towards Shepherd Creek drainage. **See Comments, below.

County: Inyo Landowner / Mgr.: USDA, Inyo National Forest

Quad Name: Mount Williamson, CA Elevation: 9081 ft.

T 14S R 34E Sec 20, NW ¼ of NE ¼, Meridian: ☐ H ☒ M ☐ S Source of Coordinates (GPS, topo. map & type): GPS

T _____ R _____ Sec _____, _____ ¼ of _____ ¼, Meridian: ☐ H ☐ M ☐ S GPS Make & Model Garmin 12

Datum: ☒ NAD27 ☐ NAD83 ☐ WGS84 Horizontal Accuracy 3-5 meters meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐

Coordinates: Easting/Longitude E383883.83 Northing/Latitude N4063216.65

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Moderately steep, east facing slope; sandy granitic soil; sagebrush scrub: *Artemisia tridentata*, *Eriogonum umbellatum*, *Arctostaphylos patula*, *Symphoricarpos* sp., *Angelica lineariloba*

Other rare species? None seen.

Site Information Overall site quality: ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Current / surrounding land use: Wilderness; hiker trail passes adjacent to population

Visible disturbances: Trail work could potentially impact population; however, Inyo NF standards call for surveys prior to any ground disturbing activities.

Threats:

Comments: *Population was located late in the day; no count was conducted, but <10 plants were visible from the trail, Further survey work needed.

**Going up the trail towards the pass, the plants are located above the trail, just before the 2 big Jeffrey pines below the trail

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: UC herbarium
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more) Slide Print Digital
Plant / animal ☐ ☐ ☒
Habitat ☒ ☐ ☐
Diagnostic feature ☐ ☒ ☐

May we obtain duplicates at our expense? ☒ yes ☐ no

A topographic map of the Mt. Williamson area, showing contour lines and various geographical features. The map includes the following labels and annotations:

- Geographical Labels:** "WILDERNESS", "ONAL FORE", "GEOLOGICAL AREA", "Shepherd", "Bull", "Area", "Creek", "Boundary", "ZOOLOGICAL", "4WD", "Forest", "Road", "Hogback", "Creek", "29", "20", "17", "2500", "28", "21", "16", "27", "26", "23", "30", "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", "45", "46", "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "70", "71", "72", "73", "74", "75", "76", "77", "78", "79", "80", "81", "82", "83", "84", "85", "86", "87", "88", "89", "90", "91", "92", "93", "94", "95", "96", "97", "98", "99", "100".
- Handwritten Annotations:**
 - "Sample map submitted with CNDDDB Field Survey Form" (in a box in the top left).
 - "Mt. Williamson" (written vertically on the right side).
 - "8/10/2004" (written vertically on the right side).
 - "K. Nelson" (written vertically on the right side).
 - "Area" (written near the bottom center).
 - "ZOOLOGICAL" (written near the bottom center).
 - "Boundary" (written near the bottom left).
 - "Bull" (written near the bottom left).
 - "Creek" (written near the top left).
 - "Hogback" (written near the top left).
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